SEQUENCE LISTING

(1)	GENERAL	INFORMATION
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- (i) APPLICANT: Dong, Fang Lyamichev, Victor I. Prudent, James R.
- (ii) TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
- (iii) NUMBER OF SEQUENCES: 123
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: MEDLEN & CARROLL, LLP
 - (B) STREET: 220 Montgomery Street, Suite 2200
 - (C) CITY: San Francisco
 - (D) STATE: CA
 - (E) COUNTRY: USA
 - (F) ZIP: 94104
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk

 - (B) COMPUTER: IBM PC compatible (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US
 - (B) FILING DATE:
 - (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: MacKnight, Kamrin T.
 - (B) REGISTRATION NUMBER: 38,230
 - (C) REFERENCE/DOCKET NUMBER: FORS-03345
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (415) 705-8410
 - (B) TELEFAX: (415) 397-8338
- (2) INFORMATION FOR SEQ ID NO:1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 391 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"
 - (xi) SEQUENCE DESCRIPTION: SEO ID NO:1:

AGCTCGTATG GCACCGGAAC CGGTAAGGAC GCGATCACCA GCGGCATCGA GGTCGTATGG 60 ACGAACACCC CGACGAAATG GGACAACAGT TTCCTCGAGA TCCTGTACGG CTACGAGTGG 120 GAGCTGACGA AGAGCCCTGC TGGCGCTTGG CAATACACCG CCAAGGACGG CGCCGGTGCC 180 240 GGCACCATCC CGGACCCGTT CGGCGGGCCA GGGCGCTCCC CGACGATGCT GGCCACTGAC 300 CTCTCGCTGC GGGTGGATCC GATCTATGAG CGGATCACGC GTCGCTGGCT GGAACACCCC

Configuration of the desired analysis of the con-

	GAGGAATTGG CCGACGAGTT CGCCAAGGCC TGGTACAAGC TGATCCACCG AGACATGGGT	360
	CCCGTTGCGA GATACCTTGG GCCGGTGGTC C	391
5	(2) INFORMATION FOR SEQ ID NO:2:	
10	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 391 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
15	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>	
	AGCTCGTATG GCACCGGAAC CGGTAAGGAC GCGATCACCA CCGGCATCGA GGTCGTATGG	60
20	ACGAACACCC CGACGAAATG GGACAACAGT TTCCTCGAGA TCCTGTACGG CTACGAGTGG	120
	GAGCTGACGA AGAGCCCTGC TGGCGCTTGG CAATACACCG CCAAGGACGG CGCCGGTGCC	180
	GGCACCATCC CGGACCCGTT CGGCGGCCCA GGGCGCTCCC CGACGATGCT GGCCACTGAC	240
25	CTCTCGCTGC GGGTGGATCC GATCTATGAG CGGATCACGC GTCGCTGGCT GGAACACCCC	300
	GAGGAATTGG CCGACGAGTT CGCCAAGGCC TGGTACAAGC TGATCCACCG AGACATGGGT	360
30	CCCGTTGCGA GATACCTTGG GCCGCTGGTC C	391
	(2) INFORMATION FOR SEQ ID NO:3:	331
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 391 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
45	AGCTCGTATG GCACCGGAAC CGGTAAGGAC GCGATCACCA GCGGCATCGA GGTCGTATGG	60
	ACGAACACCC CGACGAAATG GGACAACAGT TTCCTCGAGA TCCTGTACGG CTACGAGTGG	120
50	GAGCTGACGA AGAGCCCTGC TGGCGCTTGG CAATACACCG CCAAGGACGG CGCCGGTGCC	180
50	GGCACCATCC CGGACCCGTT CGGCGGCCCA GGGCGCTCCC CGACGATGCT GGCCACTGAC	240
	CTCTCGCTGC GGGTGGATCC GATCTATGAG CGGATCACGC GTCGCTGGCT GGAACACCCC	300
55	GAGGAATTGG CCGACGAGTT CGCCAAGGCC TGGTACAAGC TGATCCACCG AGACATGGGT	360
	CCCGTTGCGA GATACCTTGG GCCGCTGGTC C	391
60	(2) INFORMATION FOR SEQ ID NO:4:	
65	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 391 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

	(A) DESCRIPTION: /desc = "DNA"	
_	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
5	AGCTCGTATG GCACCGGAAC CGGTAAGGAC GCGATCACCA CCGGCATCGA GGTCGTATGG	60
	ACGAACACCC CGACGAAATG GGACAACAGT TTCCTCGAGA TCCTGTACGG CTACGAGTGG	120
10	GAGCTGACGA AGAGCCCTGC TGGCGCTTGG CAATACACCG CCAAGGACGG CGCCGGTGCC	180
	GGCACCATCC CGGACCCGTT CGGCGGGCCA GGGCGCTCCC CGACGATGCT GGCCACTGAC	240
15	CTCTCGCTGC GGGTGGATCC GATCTATGAG CGGATCACGC GTCGCTGGCT GGAACACCCC	300
13	GAGGAATTGG CCGACGAGTT CGCCAAGGCC TGGTACAAGC TGATCCACCG AGACATGGGT	360
	CCCGTTGCGA GATACCTTGG GCCGGTGGTC C	391
20	(2) INFORMATION FOR SEQ ID NO:5:	
25	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	•
30	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>	
50	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
	AGCTCGTATG GCACCGGAAC (2) INFORMATION FOR SEO ID NO:6:	20
35	(2) INFORMATION FOR SEQ ID NO:6:	
3540	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid	
40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	20
40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6: TTGACCTCCC ACCCGACTTG	20
40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6: TTGACCTCCC ACCCGACTTG (2) INFORMATION FOR SEQ ID NO:7: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid	20
40 45 50	(i) SEQUENCE CHARACTERISTICS:	20
40 45 50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6: TTGACCTCCC ACCCGACTTG (2) INFORMATION FOR SEQ ID NO:7: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	20

	(2)	INFO	RMATION FOR SEQ ID NO:8:	
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:8:	
15	GGA	CCAGC	GG CCCAAGGTAT	20
13	(2)	INFO	RMATION FOR SEQ ID NO:9:	
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:9:	
30	GGA	CCACC	GG CCCAAGGTAT CT	22
J U	(2)	INFO	RMATION FOR SEQ ID NO:10:	
35	÷	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:10:	
45	TTT	TTGCC	GC TGGTGATCGC G	21
73	(2)	INFO	RMATION FOR SEQ ID NO:11:	
50		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:11:	
60	GGZ	AGAGC	CAT AG	12

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	(2)	INFO	RMATIC	N FOR SEQ ID NO.12.			
5		(i)	(A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 11 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear		·	
10		(ii)	MOLE(CULE TYPE: other nucleic DESCRIPTION: /desc = "DN	acid NA"		
		(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID	NO:12:		
1.5	TGG'	rctgc	GG A				11
15	(2)	INFO	RMATI	ON FOR SEQ ID NO:13:			
20		(i)	(A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 11 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear			
25		(ii)	MOLE (A)	CULE TYPE: other nucleic DESCRIPTION: /desc = "D	acid NA"		
		(xi)	SEQU	ENCE DESCRIPTION: SEQ ID	NO:13:	•	
30	GGA	.CGACC	CGG G				11
30	(2)	INFO	RMATI	ON FOR SEQ ID NO:14:			
35		(i)	(A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 11 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear			
40		(ii)	MOLE (A)	CULE TYPE: other nucleic DESCRIPTION: /desc = "D	acid NA"		
		(xi)) SEQU	JENCE DESCRIPTION: SEQ ID	NO:14:		
45	GGZ	AGATT	TGG G				11
, 1 2	(2)	INF	ORMAT	ON FOR SEQ ID NO:15:			
50		(i	(A) (B) (C)	JENCE CHARACTERISTICS: LENGTH: 11 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear			
55		(ii) MOL	ECULE TYPE: other nucleio DESCRIPTION: /desc = "I	c acid DNA"		
		(xi	.) SEQ	UENCE DESCRIPTION: SEQ I	D NO:15:		
	CC	GCGAG	ACT G				11

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	(2)	INFO	RMATION FOR SEQ ID NO:16:	
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:16:	
15	CTA	GCCGA	GT AG	12
13	(2)	INFO	RMATION FOR SEQ ID NO:17:	
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:17:	
30	TGT	TGGGT	cg c	 11
50	(2)	INFO	RMATION FOR SEQ ID NO:18:	
35		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:18:	
45	CCG	CGAGA	CC G	11
,,,	(2)	INFO	RMATION FOR SEQ ID NO:19:	
50		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:19:	
60	CC	GCAAG!	ACC G	11

	(2) INFORMATION FOR SEQ ID NO:20:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 289 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
10	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:	
15	GATTCTGTCT TCACGCAGAA AGCGTCTAGC CATGGCGTTA GTATGAGTGT CGTGCAGCCT	60
13	CCAGGACCCC CCCTCCCGGG AGAGCCATAG TGGTCTGCGG AACCGGTGAG TACACCGGAA	120
	TTGCCAGGAC GACCGGGTCC TTTCTTGGAT CAACCCGCTC AATGCCTGGA GATTTGGGCG	180
20	TGCCCCCGCA AGACTGCTAG CCGAGTAGTG TTGGGTCGCG AAAGGCCTTG TGGTACTGCC	240
	TGATAGGGTG CTTGCGAGTG CCCCGGGAGG TCTCGTAGAC CGTGCAATC	289
25	(2) INFORMATION FOR SEQ ID NO:21:	
23	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 286 base pairs (B) TYPE: nucleic acid	
30	(C) STRANDEDNESS: double (D) TOPOLOGY: linear	•
	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
35	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:	
	GATTCTGTCT TCACGCAGAA AGCGTCTAGC CATGGCGTTA GTATGAGTGT CGTGCAGCCT	60
40	CCAGGTCCCC CCCTCCCGGG AGAGCCATAG TGGTCTGCGG AACCGGTGAG TACACCGGAA	120
••	TTGCCAGGAC GACCGGGTCC TTTCTTGGAT CAACCCGCTC AATGCCTGGA GATTTGGGCG	180
	TGCCCCCGCG AGACTGCTAG CCGAGTAGTG TTGGGTCGCG AAAGGCCTTG TGGTACTGCC	240
45	TGATAGGGTG CTTGCGAGTG CCCCGGGAGG TCTCGTAGAC CGTGCA	286
	(2) INFORMATION FOR SEQ ID NO:22:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 289 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:	
60	GATTCTGTCT TCACGCAGAA AGCGTCTAGC CATGGCGTTA GTATGAGTGT CGTACAGCCT	60
	CCAGGCCCCC CCCTCCCGGG AGAGCCATAG TGGTCTGCGG AACCGGTGAG TACACCGGAA	120
65	TTGCCGGGAA GACTGGGTCC TTTCTTGGAT AAACCCACTC TATGCCCGGC CATTTGGGCG	180

	TGCCCCCGCA AGACTGCTAG CCGAGTAGCG TTGGGTTGCG AAAGGCCTTG TGGTACTGCC	240
	TGATAGGGTG CTTGCGAGTA CCCCGGGAGG TCTCGTAGAC CGTGCAATC	289
5	(2) INFORMATION FOR SEQ ID NO:23:	
10	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 289 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
15	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:	
	GATTCTGTCT TCACGCAGAA AGCGCCTAGC CATGGCGTTA GTACGAGTGT CGTGCAGCCT	60
20	CCAGGACCCC CCCTCCCGGG AGAACCATAG TGGTCTGCGG AACCGGTGAG TACACCGGAA	120
	TCGCTGGGGT GACCGGGTCC TTTCTTGGAG CAACCCGCTC AATACCCAGA AATTTGGGCG	180
25		240
25	TGATAGGGTG CTTGCGAGTG CCCCGGGAGG TCTCGTAGAC CGTGCAATC	289
	(2) INFORMATION FOR SEQ ID NO:24:	
30	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs	
	(B) TYPE: nucleic acid (C) STRANDEDNESS: single	
35	(D) TOPOLOGY: linear	
•	(ii) MOLECULE TYPE: other nucleic acid (iii) MOLECULE TYPE: other nucleic acid	No.
40	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:24:	•
70	CTCGCAAGCA CCCTATCA	18
	(2) INFORMATION FOR SEQ ID NO:25:	
45	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid	
50	(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
50	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
55	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:25:	
33	GCAGAAAGCG TCTAGCCATG G	21
	(2) INFORMATION FOR SEQ ID NO:26:	
60	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	

	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
_	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:26:	
5	GCAGAAAGCG TCTAGCCATG GCGTTAGTAT GAGTGTCGTG CAGCCTCCAG GACCCCCCCT	60
	CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATTGC CAGGACGACC	120
10	GGGTCCTTTC TTGGATCAAC CCGCTCAATG CCTGGAGATT TGGGCGTGCC CCCGCAAGAC	180
	TGCTAGCCGA GTAGTGTTGG GTCGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG	240
	CGAG	244
15	(2) INFORMATION FOR SEQ ID NO:27:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:	
30	GCAGAAAGCG TCTAGCCATG GCGTTAGTAT GAGTGTCGTG CAGCCTCCAG GTCCCCCCCT	60
30	CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATTGC CAGGACGACC	120
	GGGTCCTTTC TTGGATCAAC CCGCTCAATG CCTGGAGATT TGGGCGTGCC CCCGCGAGAC	180
35		240
	CGAG DIRECTOR CONTROL	0.6/ 244
40	(2) INFORMATION FOR SEQ ID NO:28:	٠.
70	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double	
45	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
50	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28:	
	GCAGAAAGCG TCTAGCCATG GCGTTAGTAT GAGTGTCGTA CAGCCTCCAG GCCCCCCCT	60
55	CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATTGC CGGGAAGACT	120
,,	GGGTCCTTTC TTGGATAAAC CCACTCTATG CCCGGCCATT TGGGCGTGCC CCCGCAAGAC	180
	TGCTAGCCGA GTAGCGTTGG GTTGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG	240
60	CGAG	244

	(2) INFORMATION FOR SEQ ID NO:29:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:	
15	GCAGAAAGCG CCTAGCCATG GCGTTAGTAC GAGTGTCGTG CAGCCTCCAG GACCCCCCCT	60
13	CCCGGGAGAA CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATCGC TGGGGTGACC	120
	GGGTCCTTTC TTGGAGCAAC CCGCTCAATA CCCAGAAATT TGGGCGTGCC CCCGCGAGAT	180
20	CACTAGCCGA GTAGTGTTGG GTCGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG	240
	CGAG	244
25	(2) INFORMATION FOR SEQ ID NO:30:	angers angles
30	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 216 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
35	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:	، ، از
	CAGAAAGGGT TTAGCCATGG GGTTAGTATG AGTGTCGTAC AGCCTCCAGG CCCCCCCTC	₹ 60
40	CCGGGAGAGC CATAGTGGTC TGCGGAACCG GTGAGTACAC CGGAATTGCC GGGAAGACTG	120
40	GGTCCTTTCT TGGATAAACC CACTCTATGC CCGGCCATTT GGGCGTGCCC CCGCAAGACT	180
	GCTAGCCGAG TAGCGTTGGG TTGCGAAAGG CCTTGT	216
45	(2) INFORMATION FOR SEQ ID NO:31:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:31:	* *
	CAGAAAGGGT TTAGCCATGG CGTTAGTATG AGTGTCGTGC AGCCTCCAGG ACCCCCCTC	60
60	CCGGGAGAGC CATAGTGGTC TGCGGAACCG GTGAGTACAC CGGAATTGCC AGGACGACCG	120
	COMPONEMENT TO A TAKE A COCCURATE TO COMPONE TO COCCURACE COCCURACE	100

WO 98/50403 PCT/US98/03194 TGCTAGCCGA GTAGTGTTGG GTCGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG 240 CAAG 244 5 (2) INFORMATION FOR SEQ ID NO:32: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 239 base pairs (B) TYPE: nucleic acid 10 (C) STRANDEDNESS: double (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" 15 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:32: GCAGAAAGGT TTAGCCATGG GTTAGTATGA GTGTCGTGCA GCCTCCAGGA CCCCCCCTCC 60 20 CGGGAGAGCC ATAGTGGTCT GCGGAACCGG TGAGTACACC GGAATTGCCA GGACGACCGG 120 GTCCTTTCTT GGATTAACCC GCTCAATGCC TGGAGATTTG GGCGTGCCCC CGCAAGACTG 180 CTAGCCGAGT AGTGTTGGGT CGCGAAAGGC CTTGTGGTAC TGCCTGATAG GGTGCTTGC 239 25 (2) INFORMATION FOR SEQ ID NO:33: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 240 base pairs 30 (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid that the state of the control of the contr 35 (A) DESCRIPTION: /desc = "DNA" GCAGAAAGGT TTAGCCATGG GGTTAGTATG AGTGTCGTAC AGCCTCCAGG ACCCCCCTC 60 CCGGGAGAGC CATAGTGGTC TGCGGAACCG GTGAGTACAC CGGAATTGCC AGGACGACCG GGTCCTTTCT TGGATAAACC CGCTCAATGC CTGGAGATTT GGGCGTGCCC CCGCAAGACT 180 45 GCTAGCCGAG TAGTGTTGGG TCGCGAAAGG CCTTGTGGTA CTGCCTGATA GGGTGCTTGC (2) INFORMATION FOR SEQ ID NO:34: (i) SEQUENCE CHARACTERISTICS: 50 (A) LENGTH: 240 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double

(D) TOPOLOGY: linear

60 GCAGAAAGGG TTTAGCCATG GCGTTAGTAT GAGTGTCGTA CAGCCTCCAG GCCCCCCCT

CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATTAC CGGAAAGACT

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120

	GGGTCCTTTC TTGGATAAAC CCACTCTATG TCCGGTCATT TGGGCGTGCC CCCGCAAGAC	180
	TGCTAGCCGA GTAGCGTTGG GTTGCAAAGG CCTTGTGGTA CTGCCTGATA GGGTGCTTGC	240
5	(2) INFORMATION FOR SEQ ID NO:35:	
10	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 240 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
15	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>	
	CAGAAAGGGT TTAGCCATGG GGTTAGTACG AGTGTCGTGC AGCCTCCAGG CCCCCCCTC	60
20	CCGGGAGAGC CATAGTGGTC TGCGGAACCG GTGAGTACAC CGGAATCGCT GGGGTGACCG	120
20	GGTCCTTTCT TGGAGCAACC CGCTCAATAC CCAGAAATTT GGGCGTGCCC CCGCGAGATC	
	ACTAGCCGAG TAGTGTTGGG TCGCGAAAGG CCTTGTGGTA CTGCCTGATA GGGTGCTTGC	
25		240
	(2) INFORMATION FOR SEQ ID NO:36:	
30	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 239 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
35	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	1.6
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:	(w)
40	AGAAAGCGTT TAGCCATGGC GTTAGTATGA GTGTTGTGCA GCCTCCAGGA CCCCCCCTCC	∜∟60
40	CGGGAGAGCC ATAGTGGTCT GCGGAACCGG TGAGTACACC GGAATTGCCA GGACGACCGG	. / 120
	GTCCTTTCTT GGATCAACCC GCTCAATGCC TGGAGATTTG GGCGTGCCCC CGCAAGACTG	180
45	CTAGCCGAGT AGTGTTGGGT CGCGAAAGGC CTTGTGGTAC TGCCTGATAG GGTGCTTGC	239
	(2) INFORMATION FOR SEQ ID NO:37:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 232 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
55	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:37:	
60	GTTTAGCCAT GGCGTTAGTA TGAGTGTCGT GCAGCCTCCA GGACCCCCCC TCCCGGGAGA	60
	GCCATAGTGG TCTGCGGAAC CGGTGAGTAC ACCGGAATTG CCAGGACGAC CGGGTCCTTT	120

	CTTGGATCAA CCCGCTCAAT GCCTGGAGAT TTGGGCGTGC CCCCGCGAGA CCGCTAGCCG	180
	AGTAGTGTTG GGTCGCGAAA GGCCTTGTGG TACTGCCTGA TAGGGTGCTT GC	232
5	(2) INFORMATION FOR SEQ ID NO:38:	
10	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 240 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
15	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
1.5	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:38:	
	GCAGAAAGCG TTTAGCCATG GCGTTAGTAC GAGTGTCGTG CAGCCTCCAG GACCCCCCT	60
20	CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATCGC TGGGGTGACC	120
	GGGTCCTTTC TTGGAACAAC CCGCTCAATA CCCAGAAATT TGGGCGTGCC CCCGCGAGAT	180
25	CACTAGCCGA GTAGTGTTGG GTCGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG	240
23	(2) INFORMATION FOR SEQ ID NO:39:	
30	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
35		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:	
40	TGCTCTCTGG TCGCTGTCTG AAAGACAGCG TGGTCTCTG 17111	44
70	(2) INFORMATION FOR SEQ ID NO:40:	
45	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
50	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:40:	
55	TGCTCTCTGG TCGCTGTCTG AAAGACTCCG TGGTCTCTCG TAAT	44
	(2) INFORMATION FOR SEQ ID NO:41:	
60	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
6	(ii) MOLECULE TYPE: other nucleic acid	

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		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:41:		
	TGCT	CTCT	GG TCGCTGTCTG AATTTTTTTT TGGTCTCTCG TAAT		44
5	(2)	INFO	RMATION FOR SEQ ID NO:42:		
10		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
15		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:42:		
	AGAC	CATT	AC CAGA		14
20	(2)	INFO	RMATION FOR SEQ ID NO:43:		
25		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	12. 12. 12. 13. 13.	
30		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:43:		
	GAGA	.CCAT	TA CCAGAG		16
35	(2)	INFO	RMATION FOR SEQ ID NO:44:		
40		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
45		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:44:		
			TT ACCAGAGA		18
50	(2)	INFO	RMATION FOR SEQ ID NO:45:		
55		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
60			MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
			SEQUENCE DESCRIPTION: SEQ ID NO:45:		
	AGAG.	ACCA'	TT ACAAGCGA		18

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	(2)	INFORMATION FOR SEQ ID NO:46:	
5		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10		(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:46:	
15	AGC	GAACATT, ACCAGAGA	18
13	(2)	INFORMATION FOR SEQ ID NO:47:	
20		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25		(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:47:	
30	AGA	GACCAAC CAGAGA	16
50	(2)	INFORMATION FOR SEQ ID NO:48:	
35	-	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40		(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:48:	
45	AGA	GACCAT	9
	(2)	INFORMATION FOR SEQ ID NO:49:	
50		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55		(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:	
60	TAC	CAGAGA	9

(A) LENGTH: 18 base pairs

(ii) MOLECULE TYPE: other nucleic acid

(A) DESCRIPTION: /desc = "DNA"
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:

(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

50

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AGTGTCGTTT GGAACCGG

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	(2)	INFO	RMATION FOR SEQ ID NO:54:				
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:54:				
15	AGTG	TCGT	AA GGAACCGG		18		
13	(2)	INFO	RMATION FOR SEQ ID NO:55:				
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:55:				
30	AGTG	TCGT	CA GGAACCGG		18		
	(2)	(2) INFORMATION FOR SEQ ID NO:56:					
35		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	magnical (S) Society (A)			
40		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:56:	Ϋ			
45	AGTG	TCGT	GG AACCGG		16		
7,7	(2)	INFO	RMATION FOR SEQ ID NO:57:				
50			SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
55		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:57:				
60	AGTG	TCGT	TT GGATCCGG		18		

(2) INFORMATION FOR SEQ ID NO:58: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs 5 (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid 10 (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:58: 18 AGTGACGTTT GGAACCGG 15 (2) INFORMATION FOR SEQ ID NO:59: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 8 base pairs 20 (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" 25 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:59: **GGAACCGG** 30 (2) INFORMATION FOR SEQ ID NO:60: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid 35 (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid
 (A) DESCRIPTION: /desc = "DNA" 40 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:60: 20 TTTTGTGAGT ACACCGGAAT (2) INFORMATION FOR SEQ ID NO:61: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid 50 (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid 55 (A) DESCRIPTION: /desc = "DNA"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:61:

TTTTGTGAGT ACAC

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	(2) INFORMATION FOR SEQ ID NO:62:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:62:	
15	TGAGTACACC GGAAT	15
13	(2) INFORMATION FOR SEQ ID NO:63:	
20	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 33 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
25	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:63:	
30	ATTCCGGTGT ACTCACCGGT TCCAAACGAC ACT	33
30	(2) INFORMATION FOR SEQ ID NO:64:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:64:	
45	CAGCCTCCCC TTCTTGGA	18
	(2) INFORMATION FOR SEQ ID NO:65:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:65:	
60	AGTGTCGTTT GGAATTAATT	20

	(2) INFORMATION FOR SEQ ID NO:66:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:66:	
15	GCGAAAGGCC TTGTGG	16
13	(2) INFORMATION FOR SEQ ID NO:67:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	 :
25	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	en de Service
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:67:	
30	ACAGCCTCCA GGACCC	16
50	(2) INFORMATION FOR SEQ ID NO:68:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	•
40	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:68:	
45	GCAGCCTCCA GGACCC	16
43	(2) INFORMATION FOR SEQ ID NO:69:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 193 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:69:	
60	CGTGGAGGCG ATCACACCGC AGACGTTGAT CAACATCCGG CCGGTGGTCG CCGCGATCAA	60
UU	GGAGTTCTTC GGCACCAGCC AGCTGAGCCA ATTCATGGAC CAGAACAACC CGCTGTCGGG	120
	GTTGACCCAC AAGCGCCGAC TGTCGGCGCT GGGGCCCGGC GGTCTGTCAC GTGAGCGTGC	180
65	. רפפפרדפפאפ פדר	193

	(2) INFORMATION FOR SEQ ID NO:70:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:70:	
15	CGTGGAGGCG ATCACACCGC AGACGT	26
13	(2) INFORMATION FOR SEQ ID NO:71:	
20	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
25	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:71:	
30	GACCTCCAGC CCGGCACGCT CACGT	25
50	(2) INFORMATION FOR SEQ ID NO:72:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 128 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:72:	
45	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60
••	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTGTC	120
	ACGTGAGC	128
50	(2) INFORMATION FOR SEQ ID NO:73:	
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
60	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:73:	
	CGCCGCGATC AAGGAGTTCT	20

	(2)	INFOR	MATION FOR SEQ ID NO:74:	
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:74:	
	GCT	CACGT	GA CAGACCGCCG	20
15	(2)	INFO	RMATION FOR SEQ ID NO:75:	
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:75:	
30	TGA	.CAGAC	CG CCGGGCCC	18
	(2)	INFO	RMATION FOR SEQ ID NO:76:	
35		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 121 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:76:	
45	CGC	CCGCG	ATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60
43	CCC	GCTG'	TCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTGTC	120
	A			121
50	(2)) INF	ORMATION FOR SEQ ID NO:77:	
55		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
60)) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:77:	
	AG	ACAGA	CCG CCGGGCCC	18

	(2)	INFO	RMAT10	N FOR SEQ ID I	10:78:			
5		(i)	(A) (B) (C)	ENCE CHARACTER: LENGTH: 121 ba TYPE: nucleic STRANDEDNESS: TOPOLOGY: line	ase pairs acid single			
10		(ii)	MOLEC (A)	CULE TYPE: other DESCRIPTION:	er nucleic acid /desc = "DNA"			
		(xi)	SEQUE	ENCE DESCRIPTION	ON: SEQ ID NO:78	:		
	CGC	CGCGA	TC AAG	GGAGTTCT TCGGC	ACCAG CCAGCTGAGC	CAATTCATGG	ACCAGAACAA	60
15	ccc	CTGT	CG GGG	TTGACCC ACAAG	CGCCG ACTGTCGGCG	CTGGGGCCCG	GCGGTCTGTC	120
	т							121
20	(2)	INFO	RMATIC	ON FOR SEQ ID	NO:79:			
25		(i)	(A) (B) (C)	ENCE CHARACTER LENGTH: 18 ba TYPE: nucleic STRANDEDNESS: TOPOLOGY: lin	se pairs acid single			
30		(ii)		CULE TYPE: oth DESCRIPTION:	er nucleic acid /desc = "DNA"			
50		(xi)	SEQUI	ENCE DESCRIPTI	ON: SEQ ID NO:79	:		
	ACA	GACCG	CC GG	GCCCCA			N	18
35	(2)	INFO	RMATI	ON FOR SEQ ID	NO:80:	***	v	
40		(i)	(A) (B) (C)	ENCE CHARACTER LENGTH: 119 b TYPE: nucleic STRANDEDNESS: TOPOLOGY: lin	ase pairs acid single	· .		
45		(i i)		CULE TYPE: oth DESCRIPTION:	er nucleic acid /desc = "DNA"		-	
73		(xi)	SEQU	ENCE DESCRIPTI	ON: SEQ ID NO:80):		
	CGC	CGCGI	ATC AA	GGAGTTCT TCGGC	ACCAG CCAGCTGAGC	CAATTCATGG	ACCAGAACAA	60
50	CCC	GCTG	rcg gg	GTTGACCC ACAAG	SCGCCG ACTGTCGGCG	CTGGGGCCCG	GCGGTCTGT	119
	(2) INFORMATION FOR SEQ ID NO:81:							
55		(i)	(A) (B) (C)	ENCE CHARACTER LENGTH: 18 be TYPE: nucleic STRANDEDNESS TOPOLOGY: lin	ase pairs cacid csingle			
60		(ii		CULE TYPE: oth DESCRIPTION:	ner nucleic acid /desc = "DNA"			
		(xi) SEQU	JENCE DESCRIPT	ION: SEQ ID NO:8	l:		
65	CCA	GACC	GCC GG	GCCCCA				1

	(2) INFORMATION FOR SEQ ID NO:82:				
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 119 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
10	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:82:				
15	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60			
13	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTGG	119			
	(2) INFORMATION FOR SEQ ID NO:83:				
20	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 				
25	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>				
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:83:				
30	CAGACCGCCG GGCCCCAG				
	(2) INFORMATION FOR SEQ ID NO:84:				
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 118 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
40	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:84:				
45	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	. 60			
	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTG	118			
50	(2) INFORMATION FOR SEQ ID NO:85:				
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
60					
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:				
	GAGACCGCCG GGCCCCAG	18			

	(2)	INFO	RMATION FOR SEQ ID NO:86:				
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 118 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:86:				
15	CGCC	GCGA'	TC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG	ACCAGAACAA	60		
12	ccc	CTGT	CG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG	GCGGTCTC	118		
	(2)	INFO	RMATION FOR SEQ ID NO:87:				
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
30		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:87:				
30	CCGCCGGGCC CCAGCGCCGA						
	(2)	INFO	RMATION FOR SEQ ID NO:88:	* <u>.</u> +			
35		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 114 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	e e e e e e e e e e e e e e e e e e e			
40		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
45		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:88:				
7.7	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA 60						
	ccc	CTGT	CG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG	GCGG	114		
50	(2)	INFO	RMATION FOR SEQ ID NO:89:				
55		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
60		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:89:				
	GCG	CCGGG	בר בהופהפהבו		20		

	(2) INFORMATION FOR SEQ ID NO:90:						
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 114 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear						
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>						
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:90:						
15	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60					
נו	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGC	114					
	(2) INFORMATION FOR SEQ ID NO:91:						
20 25	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear						
23	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"						
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:91:						
	CGGCCGGGCC CCAGCGCCGA 20						
	(2) INFORMATION FOR SEQ ID NO:92:						
35 40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 114 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear						
••	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"						
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:92:						
	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60					
	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCCG	114					
50	(2) INFORMATION FOR SEQ ID NO:93:						
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear						
60	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"						
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:93:						
	CCCCCCCAA GCCCCAAA						

	(2) IN	FORMATIO	ON FOR SEQ	ID NO:94:				
5	((A) (B) (C)	ENCE CHARAC LENGTH: 11 TYPE: nucl STRANDEDNE TOPOLOGY:	0 base pai: eic acid SS: single	rs			
10	(i		CULE TYPE: DESCRIPTIO					
	(x	i) SEQU	ENCE DESCRI	PTION: SEQ	ID NO:94	:		
15	CGCCGC	GATC AA	GGAGTTCT TC	GGCACCAG C	CAGCTGAGC	CAATTCATGG	ACCAGAACAA	60
15	CCCGCT	GTCG GG	GTTGACCC AC	AAGCGCCG A	CTGTCGGCG	CTGGGGCCCG		110
	(2) IN	FORMATI	ON FOR SEQ	ID NO:95:				
20	((A) (B) (C)	ENCE CHARAC LENGTH: 18 TYPE: nucl STRANDEDNE TOPOLOGY:	base pair eic acid SS: single				
25	(i		CULE TYPE: DESCRIPTION					
30	(x	(i) SEQU	ENCE DESCRI	PTION: SEQ	ID NO:95	: /	7 <u>.</u>	
	AGGGCCCCAG CGCCGACA						18	
	(2) IN	VFORMATI	ON FOR SEQ	ID NO:96:				*
35		(A) (B) (C)	ENCE CHARAC LENGTH: 11 TYPE: nucl STRANDEDNE TOPOLOGY:	lO base pai leic acid ESS: single	rs	e Service de la companya	341 (34 343 (34)	
40	()		CULE TYPE: DESCRIPTION				• • •	:
45	(2	ki) SEQU	JENCE DESCRI	IPTION: SEQ	ID NO:96	:		
73	CGCCG	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA 60						60
	CCCGC	rgtcg gg	GTTGACCC AC	CAAGCGCCG A	CTGTCGGCG	CTGGGGCCCT		110
50	(2) II	NFORMATI	ON FOR SEQ	ID NO:97:				
55		(A) (B) (C)	JENCE CHARA(LENGTH: 1: TYPE: nuc: STRANDEDNI TOPOLOGY:	8 base pair leic acid ESS: single	îs.			
60	(:		ECULE TYPE: DESCRIPTION					
	•(:	xi) SEQU	JENCE DESCR	IPTION: SEC	Q ID NO:97	':		
	CCCCA	GCGCC GA	ACAGTCG					18

	(2) INFORMATION FOR SEQ ID NO:98:			
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 106 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>			
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:98:			
15	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60		
13	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGG	106		
	(2) INFORMATION FOR SEQ ID NO:99:			
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"			
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:99:			
30	TCCCAGCGCC GACAGTCG 18			
	(2) INFORMATION FOR SEQ ID NO:100:			
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 106 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>			
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:100:			
77	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	_. 60		
	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGA	106		
50	(2) INFORMATION FOR SEQ ID NO:101:			
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
60				
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:101:			
	CGCTTGTGGG TCAACCCCGA	20		

	(2) INFORMATION FOR SEQ ID NO:102:		
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 87 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
10	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:102:		
15	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60	
	CCCGCTGTCG GGGTTGACCC ACAAGCG	87	
	(2) INFORMATION FOR SEQ ID NO:103:		
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:103:		
30	AGCTTGTGGG TCAACCCCGA	. 20	
	(2) INFORMATION FOR SEQ ID NO:104:		
35 .40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 87 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:104:		
73	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60	
	CCCGCTGTCG GGGTTGACCC ACAAGCT	87	
50	(2) INFORMATION FOR SEQ ID NO:105:		
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
60	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:105:		
	GTGACAGAGT TGTTCT	16	

	(2) INFORMATION FOR SEQ ID NO: 106:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:106:	
15	GTGACAGATT GTTGTTCT	18
13	(2) INFORMATION FOR SEQ ID NO:107:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	** \(\tau_{} \)
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	en en g en en en en
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:107:	
30	GTGACAGAGC GTTGTTCT	18
50	(2) INFORMATION FOR SEQ ID NO:108:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:108:	
45	GTGACAGAAA GTTGTTCT	18
	(2) INFORMATION FOR SEQ ID NO:109:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
60	<pre>(ix) FEATURE:</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:109:	
65	GTGACAGANN GTTGTTCT	18

	(2) I	NFORMATION FOR SEQ ID NO:110:	
5		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:110:	
15	TCACG	TGAGC GTCCATGA	18
15	(2) I	NFORMATION FOR SEQ ID NO:111:	
20		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:111:	
30	CAGAC	CGCGC ACAGCGGG.	18
30	(2) I	NFORMATION FOR SEQ ID NO:112:	
35		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 17 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:112:	
45	GCTCA	CGATA CCCCGAC	17
	(2) I	NFORMATION FOR SEQ ID NO:113:	
50		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:113:	
60	TGCTC	ACGAT ACCCCGAC	18

	(2) INFO	RMATION FOR SEQ ID NO:114:		
5	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
10	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:114:		
15	CGCCGGGC	GC TCAACCCC		18
13	(2) INFO	RMATION FOR SEQ ID NO:115:		
20	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	7. 7	
25	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	Since y residen	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:115:		
30	ACAGTCGG	GC GGTTGTTC		18
50	(2) INFO	RMATION FOR SEQ ID NO:116:		
35	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
40	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:116:		
45	CGGGCCCC	TA TGTGGGTC		18
:::	(2) INFO	RMATION FOR SEQ ID NO:117:		
50	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
55	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:117:		
60	CTCACGTG	TA TCTGGTCC		18

	(2) INFO	RMATION FOR SEQ ID NO:118:	
5	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:118:	
15	TGACAGAC	GT TGTTCT	16
15	(2) INFO	RMATION FOR SEQ ID NO:119:	
20	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:119:	
30	CCCCAGCGGC GTTGTTCT		18
٥٠	(2) INFO	RMATION FOR SEQ ID NO:120:	
35	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:120:	
45	GTGTCGTT	TG GAACCG	16
	(2) INFO	RMATION FOR SEQ ID NO:121:	
50	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:121:	
60	TGGGCGTT	GC TIGIGG	16

	(2) INFORMATION FOR SEQ ID NO:122:		
5	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 		
10	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:122:		
15	TTGGGCGTTG CTTGTGGT		
13	(2) INFORMATION FOR SEQ ID NO:123:		
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 13 base pairs (É) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:123:		
30	TCCTTGATCG CGG	·13	